

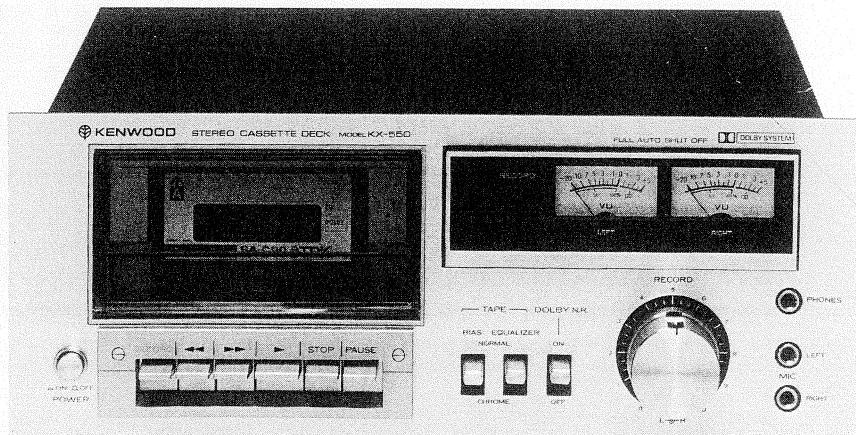
KENWOOD
HI/FI STEREO COMPONENTS

SERVICE MANUAL

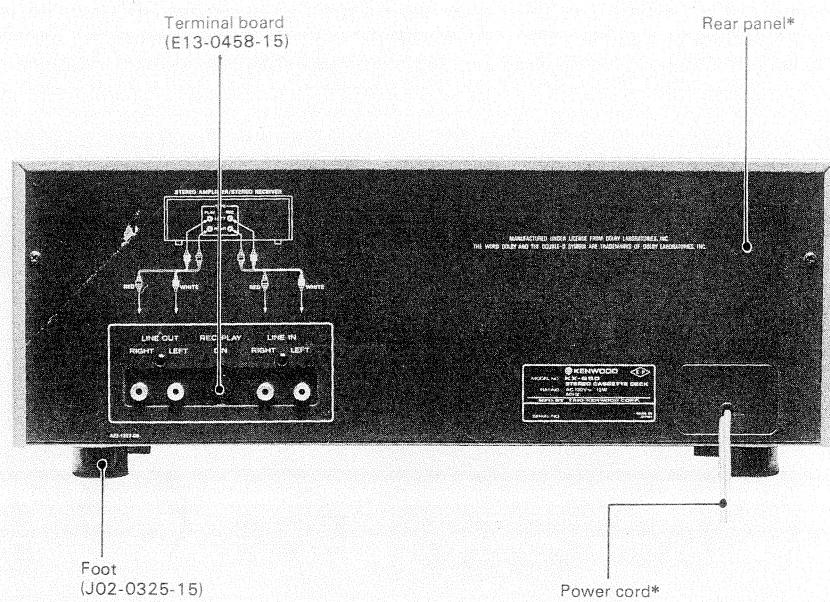
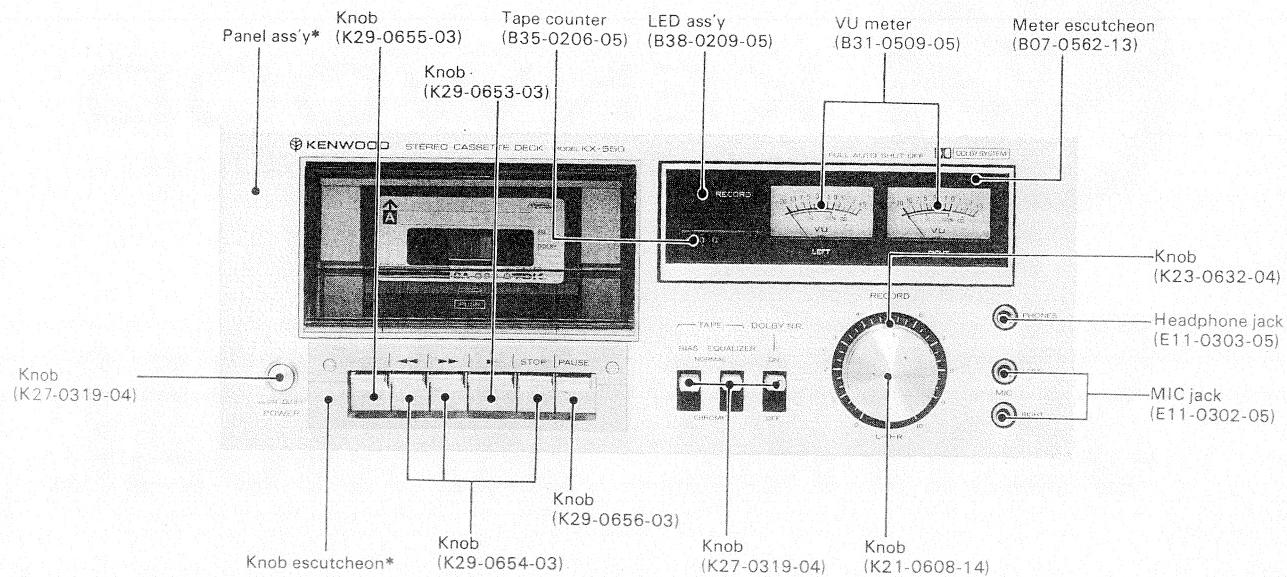
**KX-550
(KX-505)**

Note:

Refer to the KX-530 and KX-630 service manuals as to OPERATION OF MECHANISM, DISASSEMBLY, MECHANISM ADJUSTMENT, CLEANING, LUBRICATION, ADJUSTMENT, BLOCK DIAGRAM, LEVEL DIAGRAM, MEASUREMENT and TROUBLESHOOTING.



STEREO CASSETTE DECK

KX-550**EXTERNAL VIEW**

*Refer to Parts List.

EXPLODED VIEW PARTS LIST (UNIT)

Note:	
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the U.S. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.	
U.S.A.	K
Canada	P
PX	U
Australia	X
Europe	W
England	T
South Africa	S
Other Areas	M
Audio Club (KX-505)	H

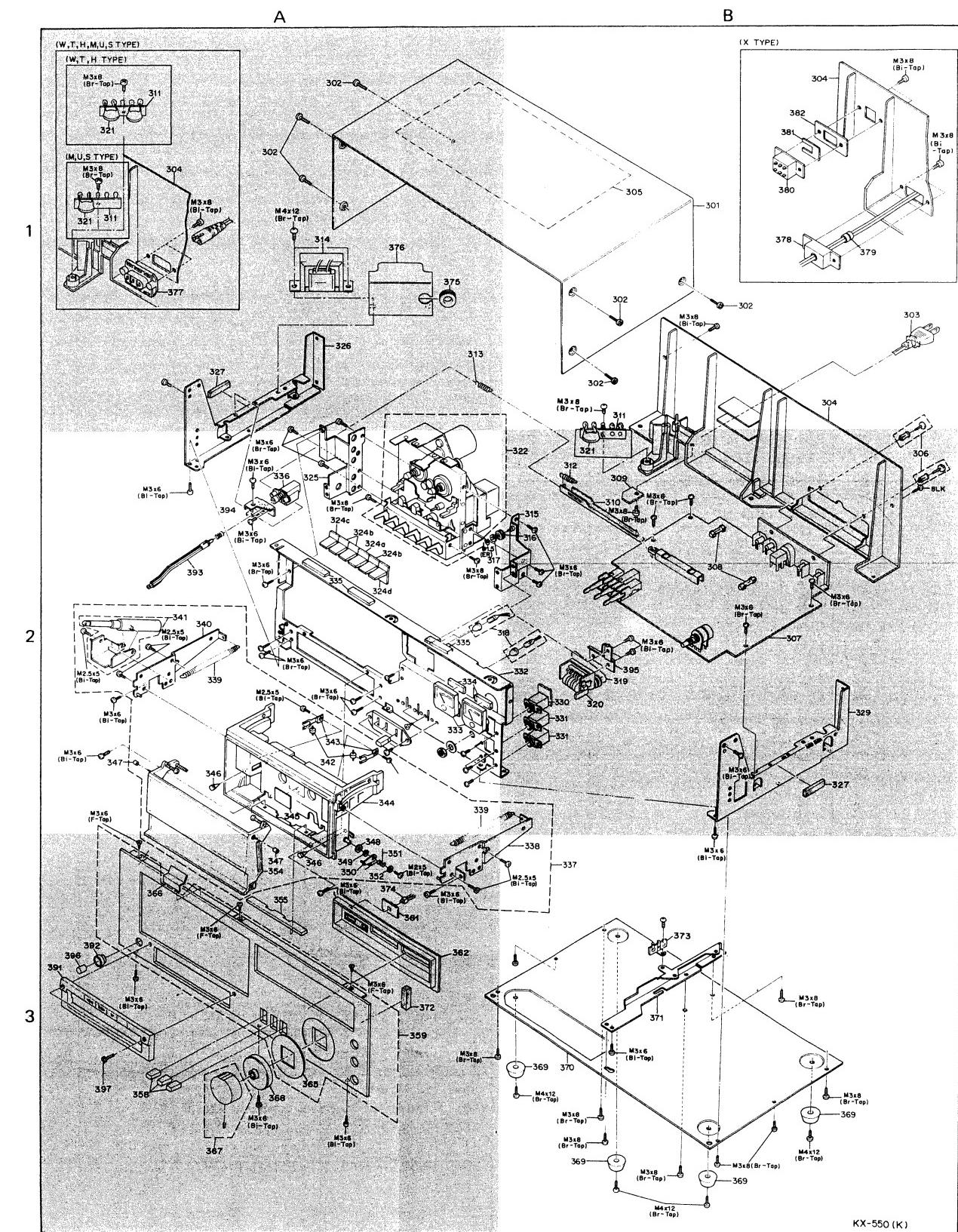
☆: New Parts

Fig. No.	Parts No.	Description	Remarks
301	A01-0604-01	Case	1B
302	N09-0831-04	Dress screw	1A,1B
303	E30-0181-05	Power cord	K,P
	E30-0185-05	Power cord	X
	E30-1305-15	Power cord	M,U
	E30-1328-05	Power cord	S,T
	E30-1329-05	Power cord	W,H
304	A23-1229-05	Rear panel	K,P
	A23-1230-05	Rear panel	M,S,T,W,H,U
	A23-1232-05	Rear panel	X
305	B42-1351-00	Adjustment sheet	2B
306	N29-0211-05	Push rivet	2B
307	X28-1290-01	REC/PLAY PCB ass'y	K,P
or	X28-1290-03	REC/PLAY PCB ass'y	K,P
307	X28-1290-06	REC/PLAY PCB ass'y	M,S,X,U
or	X28-1290-08	REC/PLAY PCB ass'y	M,S,X,U
307	X28-1290-07	REC/PLAY PCB ass'y	T,W,H
or	X28-1290-09	REC/PLAY PCB ass'y	T,W,H
308	F05-6312-05	Fuse	T,W,H
	F05-8012-05	Fuse	T,W,H
	F05-8015-05	Fuse	U,X,S,M
	F05-8018-05	Fuse	K,P
309	—	Power cord holder	K,P
310	—	REC slider	2B
311	—	Lug type terminal strips (2-0-2)	1B
312	G01-0680-14	Coil spring	2B
313	G01-0706-04	Coil spring B	1A
314	L01-6161-15	Power transformer	K,P
	L01-6164-05	Power transformer	U,W,T,H
	L01-6167-05	Power transformer	X,S,M
315	—	Bracket (R) ass'y	2B
316	D15-0509-04	Interconnecting pulley	2B
317	N19-0524-04	Polyethylene slider washer	2A
318	B30-0714-05	Lamp (8V, 0.12A)	2B
319	D16-0213-04	Counter belt	☆ 2B
320	B35-0206-05	Tape counter	2B
321	C91-0308-05	Ceramic capacitor (0.01μF)	U,M,S,X
	C54-3310-39	Ceramic capacitor (0.01μF)	W,T,H
	C90-0145-05	Ceramic capacitor (0.01μF)	K
	C91-0025-05	Ceramic capacitor (0.01μF)	P
322	D40-0452-05	Mechanism ass'y	K,P
	D40-0454-05	Mechanism ass'y	M,S,T,W,X,U,H
323	—	Knob (►)	2A
324a	K29-0653-03	Knob (►, ▶, STOP)	2A
324b	K29-0654-03	Knob (RECORD)	—
324c	K29-0655-03	Knob (PAUSE)	—
325	—	Bracket (L) ass'y	2A
326	—	Frame (L)	1A
327	G13-0422-04	Cushion (A)	1A,1B
328	—	Frame (R)	2B
329	E11-0303-05	Headphone jack	2B
331	E11-0302-05	Mic jack	2B
332	B31-0509-05	Sub panel ass'y	2B
333	G10-0403-04	VU meter	☆ 2A
334	G13-0439-04	VU meter cushion	☆ 2A
335	—	Cushion (D)	2A

Fig. No.	Parts No.	Description	Remarks
336	S40-1304-05	Power switch	K,P
	S40-1306-05	Power switch	2A
	S40-2306-05	Power switch	2A
337	B07-0561-12	Housing ass'y (338~354)	3B
338	J21-2257-04	Housing holder ass'y (R)	3B
339	G01-0643-04	Coil spring (A)	2A
340	J21-2256-04	Housing holder ass'y (L)	2A
341	D39-0082-04	Damper ass'y	2A
342	D14-0208-14	Roller (A)	2A
343	G02-0308-14	Plate spring (A)	2A
344	—	Housing	2A
345	A21-0670-04	Housing dress board	2A
346	J42-0311-04	Rubber bushing	2A,3A
347	D14-0207-04	Roller (B)	2A,3A
348	N19-0521-04	Rubber washer	3A
349	N19-0520-04	Polystyrene slider washer	3A
350	D10-0488-04	Lock lever ass'y (A)	3A
351	G01-0641-04	Torsion spring	3A
352	N19-0517-04	Flat washer	3A
353	—	Cassette lid	☆ 3A
354	A53-0225-03	Housing cover	☆ 3A
355	F07-0639-04	—	—
356	—	—	—
357	—	—	—
358	K27-0319-04	Knob (lever)	☆ 3A
359	A20-1960-02	X.K,M,S,W,U,P	☆ 3A
	A20-1964-02	X.K-550 panel ass'y	M,W,X,H
	A20-1965-02	X.K-550 panel ass'y	T
	A20-1970-02	X.K-505 panel ass'y	T
360	—	—	—
361	J19-0509-04	LED holder	3A
362	B07-0562-13	Meter escutcheon	☆ 3A
363	—	—	—
364	—	—	—
365	F07-0632-14	Back plate for knob (panel ass'y)	3A
366	H12-0335-24	Cassette lid holder	3A
367	K21-0608-14	VR knob (inside)	☆ 3A
368	K23-0632-04	VR knob (outside)	☆ 3A
369	J02-0325-15	Foot	3B
370	—	Bottom plate	3B
371	A13-0509-13	PCB frame	3B
372	G13-0438-14	Cushion (D)	3A
373	E22-0216-05	Lugtype terminal strips	3B
374	B38-0209-05	LED ass'y	☆ 3A
375	—	Bushing	1A
376	—	Shielding plate	1A
377	E03-0102-05	3P inlet	U,W,T,S,M,H
378	J19-1278-04	Power cord bushing holder	X
379	J41-0024-15	Power cord bushing	X
380	S31-2001-05	Power voltage selector	X
381	J30-0407-04	Spacer	X
382	D32-0075-04	Switch stopper	X
391	B07-0563-03	Knob escutcheon (KX-550)	☆ 3A
	B07-0575-03	Knob escutcheon (KX-505)	☆ 3A
	B07-0565-14	Ring (Power switch)	☆ 3A
392	—	Joint	2A
393	—	Switch holder	2A
394	—	Counter holder	2B
395	—	Knob (Power)	☆ 3A
396	K27-0316-04	Dress screw M3×8	☆ 3A
397	N08-0129-05	—	—

Fig. No.	Parts No.
M3×8 (Bi-Tap)	N89-3008-45
M3×6 (Br-Tap)	N87-3006-46
M3×8 (Br-Tap)	N87-3008-46
M4×12 (Br-Tap)	N87-4012-46
M3×6	N30-3006-46
M2.5×5 (Bi-Tap)	N89-2505-46
M3×6 (Bi-Tap)	N89-3006-46
M2.5×5 (Bi-Tap)	N89-2505-46
M2×5 (Bi-Tap)	N89-2005-46
M3×6 (F-Tap)	N88-3006-46

EXPLODED VIEW (UNIT)



KX-550**KX-550 KX-550**
**EXPLODED VIEW PARTS LIST
(D40-0454-05)**

 Parts 136T, 170, 175, 176, 178, 198 and 236 are used for Timer Stand by Operation mechanism.
 This mechanism is eliminated in D40-0452-05.

★: New Parts. ×: No Stock

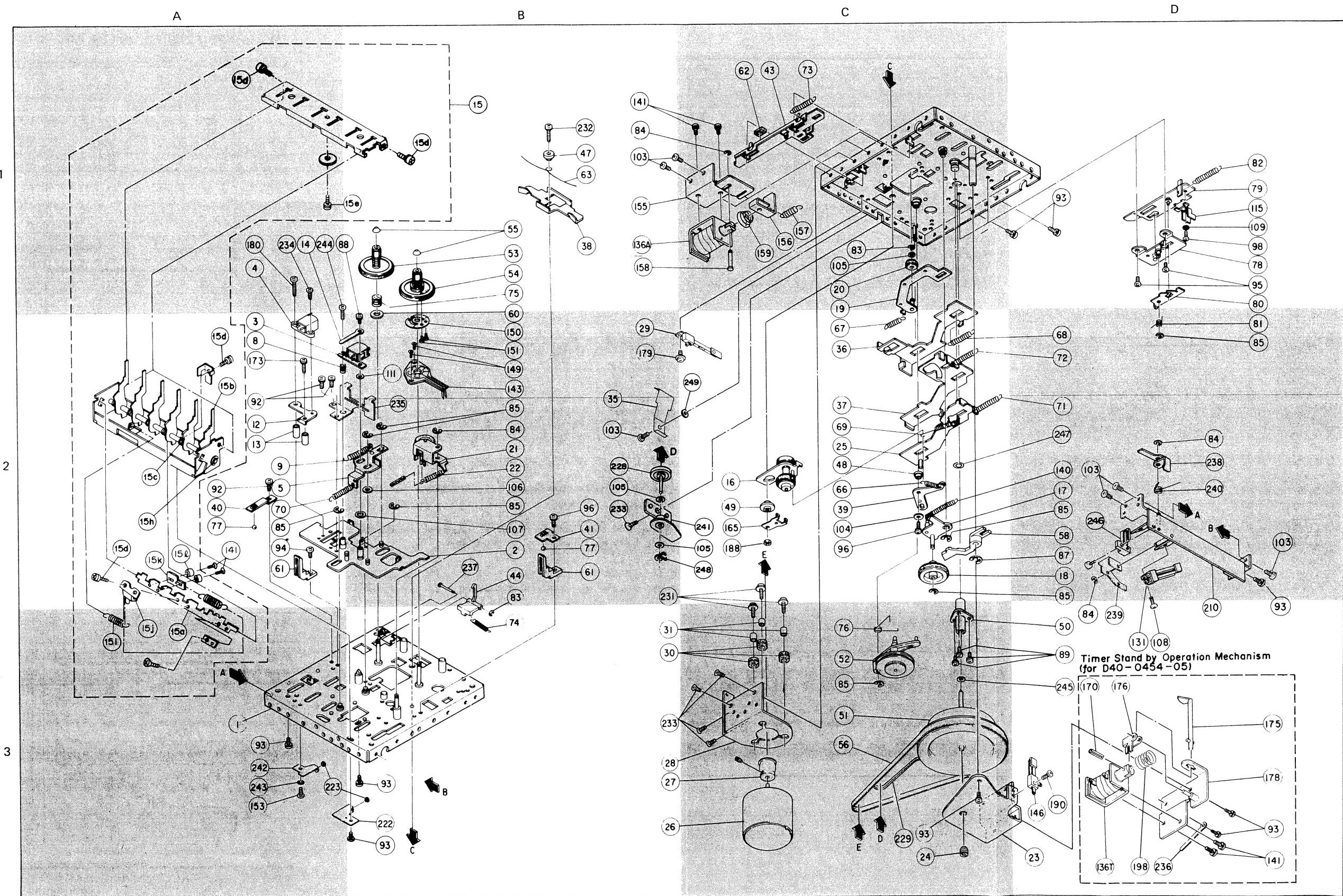
Fig. No.	Parts No.	Description	Remarks
1	A11-0328-08	Chassis ass'y	×
2	A11-0329-08	Head panel ass'y	×
3	T34-0007-05	R/P head	2A
4	T32-0004-05	Erase head	1A
5	D10-0540-08	Head panel pushing plate C	2A
6	—	—	
7	—	—	
8	G01-0682-08	R/P head spring B	2A
9	G01-0683-08	Link spring C	2A
10	—	—	
11	—	—	
12	J21-2279-08	Erase head base B	2A
13	J32-0504-08	Erase head stud E	2A
14	E23-0304-08	Lug terminal J	1A
15	A13-0520-08	Pushbutton FA ass'y	1B
15a	D10-0600-08	Pushbutton operational plate	3A
15b	D10-0801-08	Pushbutton lever FT	2A
15c	G01-0720-08	Pushbutton lever spring H	2A
15d	N09-0203-08	SEMUS screw M2.6 × 4	1A,1B,2A
15e	N09-0202-08	SEMUS screw M2.6 × 6	1A
15f	—	—	
15g	N09-0590-08	SEMUS screw M2 × 4	1B
15h	N24-3030-60	E-ring 3φ	2A
15i	G01-0701-08	Pushbutton operational spring	3A
16	D14-0210-08	FF idler arm ass'y	2C
17	D10-0548-08	Auto idler supporter ass'y B	2D
18	D14-0212-08	Auto ider	2D
19	D10-0541-08	REW arm BB ass'y	1C
20	D14-0213-08	REW idler B	1C
21	D14-0211-08	Pinch roller ass'y	2B
22	G01-0704-08	Pinch roller spring F	2B
23	J21-2289-18	Flywheel support	× 3D
24	N09-0822-08	Adjusting screw	3C
25	D10-0542-08	FF arm Cass'y	2C
26	T42-0105-05	Motor	3B
27	D15-0510-18	Motor pulley	3B
28	J21-2275-18	Motor bracket	× 3B
29	S46-0307-08	Play switch S7 LS1139TY	2B
30	G13-0431-08	Rubber cushion	3B
31	J31-0422-08	Spring tube	3B
32	—	—	
33	—	—	
34	—	—	
35	J19-1262-18	Cassette hold back spring plate Q	2B
36	D30-0004-08	Brake lever D	2C
37	D10-0543-08	REW lever A	2C
38	D30-0003-08	Brake arm D	1B
39	D10-0545-08	FF tension arm	2C
40	J19-1267-08	Head panel retainer A	2A
41	J19-1268-08	Head panel retainer D	2B
42	J21-2282-08	Flywheel metal support A	3D
43	D10-0544-08	Wrong erase preventing lever D	1C
44	D10-0539-08	Wrong erase preventing latch F	2B
45	—	—	
46	—	—	
47	J31-0423-08	Brake arm spacer B	1B
48	J31-0424-08	FF tension arm spacer B	2C
49	D21-0648-08	FF idler arm spacer	2C
50	D23-0518-08	Flywheel metal F	3D

Fig. No.	Parts No.	Description	Remarks
51	D01-0306-08	Flywheel	3C
52	D19-0213-08	Slip clutch ass'y D	3C
53	D03-0010-08	Supply reel ass'y K	1B
54	D03-0009-08	Take-up reel ass'y Q	1B
55	B09-0205-08	Reel cap A	1B
56	D16-0214-08	Flat belt 84φ × 5 × 0.4t	3C
57	—	—	
58	D10-0546-08	Auto lever A	2D
59	—	—	
60	N19-0543-08	Polyethylene slider washer	1B
61	J90-0303-08	Cassette guide E cushion A	2A,2B
62	G13-0432-08	Brake arm spring C	1C
63	G01-0684-08	Brake arm spring C	1B
64	—	—	
65	—	—	
66	G01-0685-08	FF idler spring	2C
67	G01-0686-08	REW arm spring	2C
68	G01-0687-08	Brake lever spring E	2C
69	G01-0688-08	REW tension spring	2C
70	G01-0690-08	Head panel spring 70=72	2A
71	G01-0689-08	FF arm spring	2D
72	G01-0690-08	REW lever spring 70=72	2D
73	G01-0691-08	Wrong erase preventing latch spring B	1C
74	G01-0692-08	Wrong erase preventing latch spring D	3B
75	G01-0693-08	Back tension spring B	1B
76	G01-0694-08	Slip clutch spring D	3C
77	D90-0102-08	Steel ball 2φ	2A,2B
78	J19-1271-08	(includes 78~81, 115)	
79	D10-0522-08	Pause base ass'y	1D
80	D12-0213-08	Pause cam B	1D
81	G01-0703-08	Pause cam spring A	2D
82	G01-0696-08	Pause arm spring	1D
83	N24-3015-60	E ring φ1.5	1C,2B
84	N24-3020-60	E ring φ2.0	1B,2B,2D,3D
85	N24-3025-60	E ring φ2.5	2A,2B,2D,3C
86	—	—	
87	N24-3040-60	E ring φ4.0	2D
88	N09-0590-08	SEMUS screw M2 × 4 (N30-2004-46+N16-0026-46)	1A
89	N09-0591-08	SEMUS screw M2 × 5 (N30-2005-46+N16-0026-46)	3D
90	—	—	
91	—	—	
92	N09-0203-08	SEMUS screw M2.6 × 4 (N30-2604-11+N16-0026-46)	2A
93	N09-0246-08	SEMUS screw M2.6 × 5 (N30-2605-08+N16-0026-46)	1D,3A,3B,3C
94	N30-2605-46	Pan head screw M2.6 × 5	2A
95	N30-2603-46	Pan head screw M2.6 × 3	1D
96	N09-0202-08	SEMUS screw M2.6 × 6 (N30-2606-11+N16-0026-46)	2B,2C
97	N30-2003-46	Pan head screw M2 × 3	1D
98	N30-2003-46	Pan head screw M2 × 3	1D
99	—	—	
100	—	—	

Fig. No.	Parts No.	Description	Remarks
103	N09-0828-08	Pan head tapping screw M3 × 5	1B,2B
104	N15-1026-46	Flat washer 2.8 × 7.5 × 0.5	2D
105	N19-0539-08	Polyethylene slider washer 2.1 × 4.0 × 0.13	1C,2C
106	N19-0537-08	Polyethylene slider washer 3.1 × 5.4 × 0.13	2B
107	N19-0538-08	Polyethylene slider washer 4.1 × 6.5 × 0.13	2B
108	N30-2006-46	Pan head screw M2 × 6	3D
109	N16-0020-46	Spring washer M2.0	1D
110	—	—	
111	N19-0536-08	R/P head spacer 5φ × 2.3φ × 0.2t	2B
112	—	—	
113	—	—	
114	—	—	
115	J21-2290-08	Pause arm support F	1D
131	S46-2304-08	Muting switch S9	3D
132	—	—	
133	—	—	
134	—	—	
135	—	—	
136A	T94-0056-08	Solenoid (B) 13V40	1B
136T	T94-0056-08	Solenoid (B) 13V40	
138	—	—	
139	—	—	
140	G01-0695-08	Auto idler supporter spring B	2D
141	N09-0227-08	SEMUS screw M3 × 4 (N30-3004+N16-0030-46)	1B
143	J25-2353-08	Sensor switch P.C. board	2B
144	—	—	
145	—	—	
146	S46-1306-08	Leaf switch (for pause cancelling S8)	3D
147	—	—	
148	—	—	
149	N09-0824-08	Flat head screw M2 × 2.5	2B
150	G02-0314-08	Slider A	2B
151	N09-0826-08	Pan head screw M1.7 × 1.8	2B
152	—	—	
153	N09-0827-08	Pan head tapping screw M2.6 × 5	3A
154	—	—	
156	J21-2286-08	Solenoid mounting bracket D	× 1B
156	D10-0547-08	Auto stop activating lever	1C
157	G01-0698-08	Auto stop link spring	1C
158	D21-0649-08	Auto stop activating lever shaft	1B
159	G01-0699-08	Solenoid pole piece spring (for auto stop)	1C
160	—	—	
161	—	—	
162	—	—	
163	—	—	
164	—	—	
165	J19-1269-08	FF idler arm holder	2C
166	—	—	
167	—	—	
168	—	—	
169	—	—	
170	J12-0306-05	Spring pin	3D

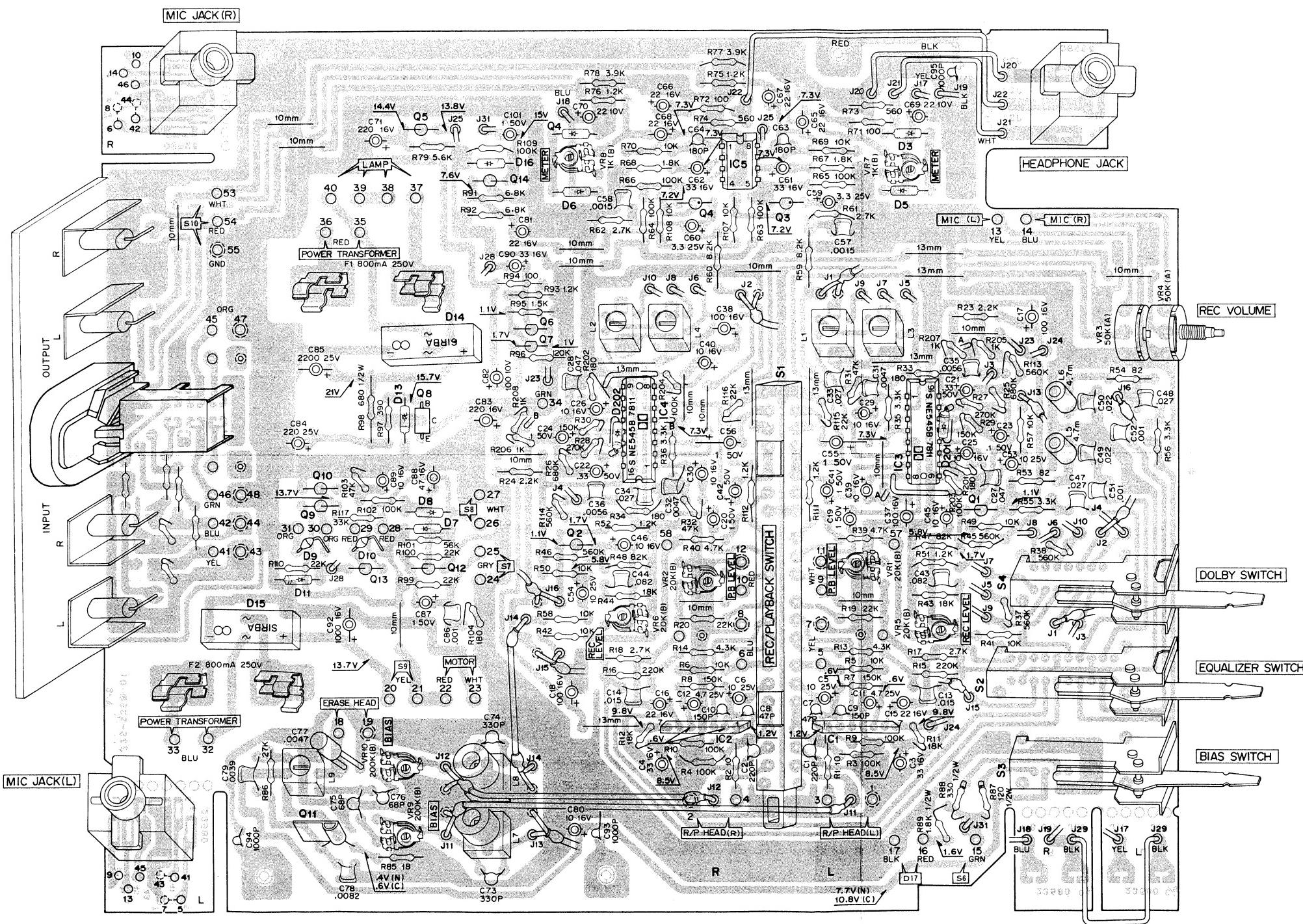
Fig. No.	Parts No.	Description	Remarks

EXPLODED VIEW
(D40-0454-05)



KX-550**KX-550 KX-550****PC BOARD**

X28-1290-03 COMPONENT SIDE



Q1,2 : 2SC945(P)
 Q3,4 : 2SK105(F,H)
 Q5,10,12 : 2SC828(R)
 Q8 : 2SC2209(Q) or 2SC1419(C)
 Q9 : 2SA684(Q,R)
 Q11 : 2SC1384(Q,R)

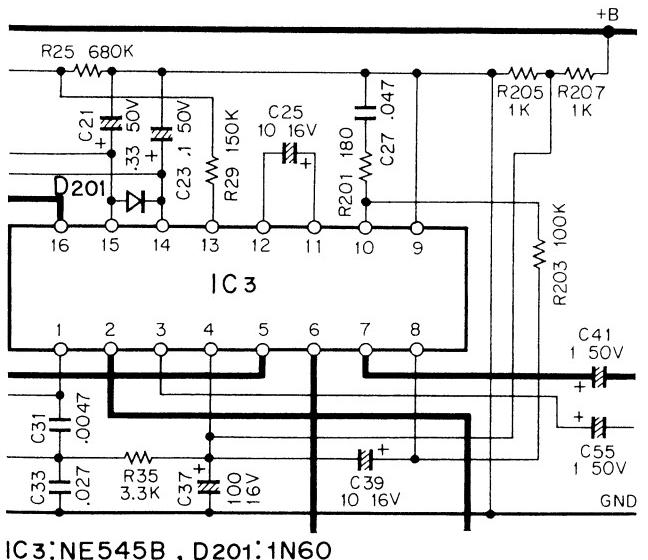
Q14 : 2SA733(P,Q)
 IC1,2 : μ PC566H3(L,M)
 IC5 : μ PC4557C
 D3~6 : 1N60
 D7,8,16 : 1S2076
 D9 : V06B

D15 : RD15EC
 D14,15 : S1RBA10
 D17 : GD-4-207RD
 D201,202 : 1N60
 IC3,4 : NE545B

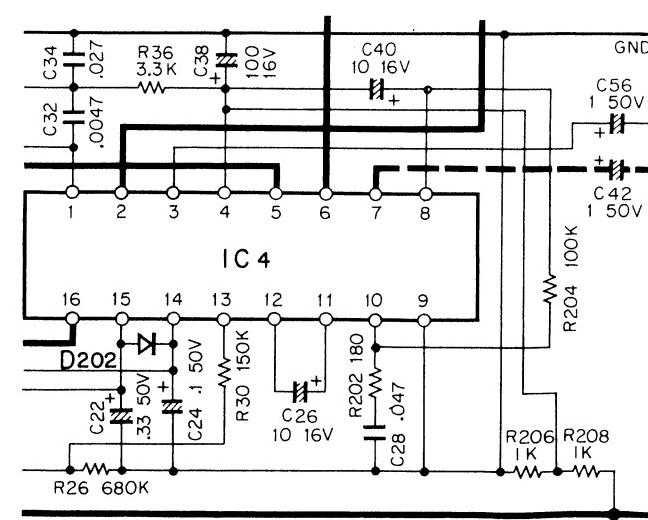
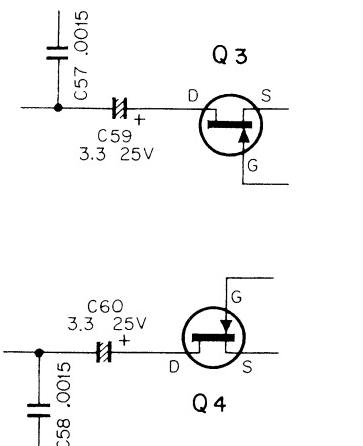
Emitter ————— Base
 Collector ————— Source
 Gate ————— Drain

SCHEMATIC MODIFICATIONS

MODIFICATIONS from X28-1290-01, 06 and 08 to X28-1290-03, 07 and 09.



IC3:NE545B , D201:1N60



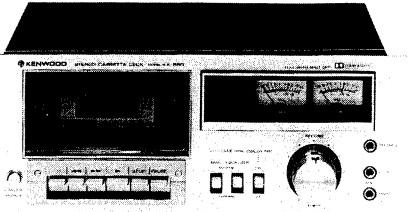
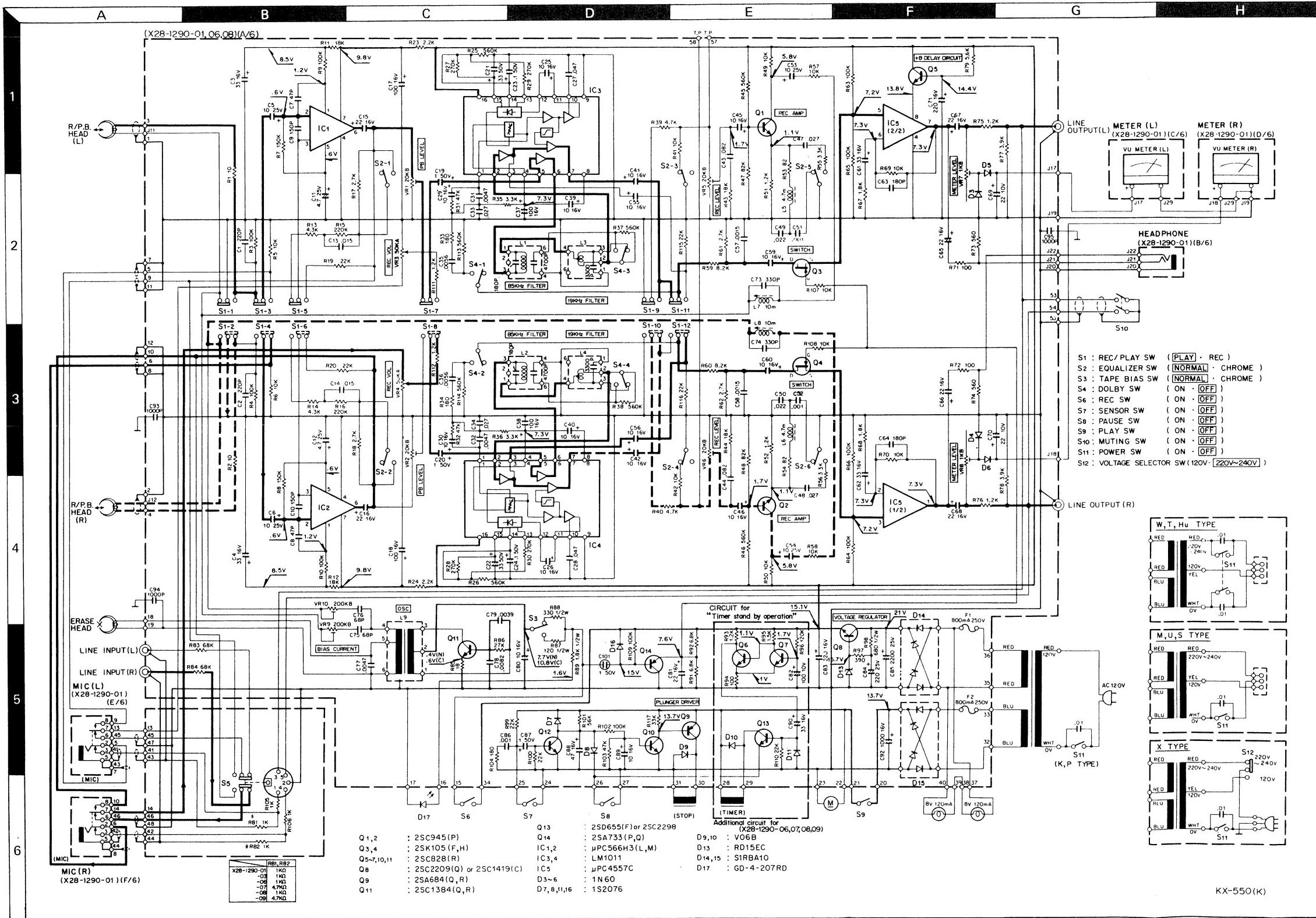
IC4:NE545B, D202:1N60

X28-1290-03, 07 and 09



STEREO CASSETTE DECK

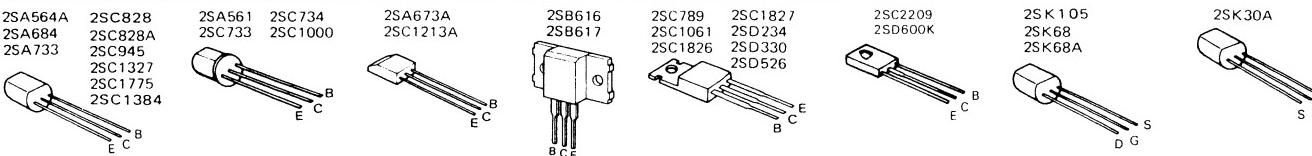
(KX-505) KX-550



SPECIFICATIONS

Type	Front Loading Stereo Cassette
Track System	Deck with Dolby NR System 4-Track, 2-Channel Stereo/Mono Recording/Playback
Recording System	AC Bias System (Bias Frequency 85 kHz)
Erasing System	AC System
Tape Speeds	4 76 cm/sec (1 7/8 ips)
Heads	Hard permalloy Record/Play Head x 1 Ferrite Erase Head x 1
Motor	Electronically-Controlled DC Motor
Fast Winding Time	Approx. 85 seconds with C-60 tape
Frequency Response	Normal Tape: 30 Hz to 14,000 Hz (40 Hz to 13,000 Hz ± 3 dB) Chrome Tape: 30 Hz to 16,000 Hz (40 Hz to 15,000 Hz ± 3 dB)
Signal-To-Noise Ratio	Dolby NR ON 62 dB (Normal Tape), 64 dB (Chrome Tape) Dolby NR OFF 52 dB (Normal Tape), 54 dB (Chrome Tape)
Harmonic Distortion	Less than 1.5% (at 1 kHz, 0 VU, Normal Tape)
Wow and Flutter	0.05% (WRMS)
Input Sensitivity/ Impedance	Line × 2 77.5 mV/100k ohms DIN × 1 0.1 mV/k ohms Europe, U.K., and Scandinavia Models 16.0 mV/2.0k ohms Other Countries Microphone × 2 0.15 mV/10k ohms
Output Level/ Load Impedance	Line × 2 489 mV (0 VU)/100k ohms DIN × 1 489 mV (0 VU)/100k ohms Headphones × 1 48.9 mV/8 to 16 ohms
Built in Features	Dolby Noise Reduction System Two-Position Bias Selector (Normal-Chrome) Two-Position Equalization Selector (Normal-Chrome) Full Auto Shut-Off Mechanism in all Modes LED Recording Indicator Three Digit Tape Counter Two Large Illuminated VU Meters Two Microphone Jacks, Headphone Jack DIN Rec/P B Connector
Power Requirements	AC 120V, 60 Hz: USA and Canada Models AC 120V/240V (Switchable). 50/60 Hz: Australia Model AC 120V/220-240V (Switchable). 50/60 Hz: Other Countries
Power Consumption	10 watts
Dimensions	W: 400 mm (15-3/4") H: 159 mm (6-1/4") D: 281 mm (11-1/16")
Weight	5.4 kg (11.9 lbs)
Supplied Accessories	Stereo Connection Cord x 2 Head Cleaning Kit x 1
Reference Tapes	Normal MAXELL XLI Chrome TDK SA

DC voltages are measured with $20\text{K}\Omega/\text{V}$ VOM at playback mode except those of Q11, measured at recording mode.



KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

NOTE: Dolby is a trademark of Dolby Laboratories.

KX-550**KX-550 KX-550****PARTS LIST****TOTAL**

☆: New Parts

Fig. No.	Parts No.	Description	Remarks
-	B42-0009-04	Passed sticker	
-	B46-0055-20	Warranty card	P
-	B46-0060-00	Warranty card	T
-	B46-0061-20	Warranty card	K
-	B46-0062-20	Warranty card	U
-	B46-0063-10	Warranty card	U
-	B46-0064-00	Warranty card	X
-	B50-2301-00	Instruction manual (KX-550)	K,S,W,U
-	B50-2302-00	Instruction manual (KX-550)	M,X,P
-	B50-2303-00	Instruction manual (KX-550)	T
-	B50-2304-00	Instruction manual (KX-505)	H,M,X
-	B50-2312-00	Instruction manual (KX-505)	T
-	H01-2326-01	Carton box (KX-550)	K,M,S,W,X,U
-	H01-2327-01	Carton box (KX-550)	T
-	H01-2328-01	Carton box (KX-550)	P
-	H01-2329-01	Carton box (KX-505)	H,M,W,X
-	H01-2333-01	Carton box (KX-505)	T
-	H20-0417-04	Polyethylene cover	M
-	H20-0441-04	Polyethylene cover	
-	H25-0078-04	Polyethylene bag	K,P,U,X,W,T,S,H
-	W01-0301-05	Head cleaning bar	

REC/PLAY/OSC (X28-1290)

Ref. No.	Parts No.	Description	Remarks
CAPACITOR			
C1.2	C71-1722-15	Ceramic	220pF ±5%
C3.4	C24-1233-61	Electrolytic	33μF 16WV
C5.6	C25-1410-67	Electrolytic	10μF 25WV
C7.8	C71-1747-66	Ceramic	47pF ±10%
C9.10	C71-1715-16	Ceramic	150pF ±10%
C11.12	C24-1447-51	Electrolytic	4.7μF 25WV
C13.14	C45-1715-35	Mylar	0.015μF ±5%
C15.16	C24-1222-61	Electrolytic	22μF 16WV
C17.18	C24-1210-71	Electrolytic	100μF 16WV
C19.20	C24-1710-51	Electrolytic	1μF 50WV
C21.22	C25-1733-47	Electrolytic	0.33μF 50WV
C23.24	C25-1710-47	Electrolytic	0.1μF 50WV
C25.26	C24-1210-61	Electrolytic	10μF 16WV
C27.28	C45-1747-35	Mylar	0.047μF ±5%
C29.30	C24-1210-61	Electrolytic	10μF 16WV
C31.32	C45-1747-25	Mylar	4700pF ±5%
C33.34	C45-1727-35	Mylar	0.027μF ±5%
C35.36	C45-1756-25	Mylar	5600pF ±5%
C37.38	C24-1210-71	Electrolytic	100μF 16WV
C39.40	C24-1210-61	Electrolytic	10μF 16WV
C41.42	C24-1210-61	Electrolytic	10μF 16WV
	C24-1710-51	Electrolytic	-01,-06,-08
			-03,-07,-09
C43.44	C45-1782-36	Mylar	0.82μF ±10%
C45.46	C24-1210-61	Electrolytic	10μF 16WV

Ref. No.	Parts No.	Description	Remarks
C47.48	C45-1727-35	Mylar	0.027μF ±5%
C49.50	C45-1722-35	Mylar	0.022μF ±5%
C51.52	C45-1710-25	Mylar	1000pF ±5%
C53.54	C25-1410-67	Electrolytic	10μF 25WV
C55.56	C24-1210-61	Electrolytic	10μF 16WV
C57.58	C45-1715-25	Mylar	1500pF ±5%
C59.60	C24-1210-61	Electrolytic	10μF 16WV
	C25-1433-57	Electrolytic	-01,-06,-08
C61.62	C24-1233-61	Electrolytic	3.3μF 25WV
C63.64	C71-1718-16	Ceramic	180pF ±10%
C65.66	C24-1222-61	Electrolytic	22μF 16WV
C67.68	C25-1222-67	Electrolytic	22μF 16WV
C69.70	C24-1022-61	Electrolytic	22μF 10WV
C71	C24-1222-71	Electrolytic	220μF 16WV
C73.74	C71-1733-16	Ceramic	330pF ±10%
C75.76	C71-1768-06	Ceramic	68pF ±10%
C77	C47-2147-25	Polystyrene	4700pF ±5%
C78	C45-1782-25	Mylar	8200pF ±5%
C79	C45-1739-25	Mylar	3900pF ±5%
C80	C24-1210-61	Electrolytic	10μF 16WV
C81	C24-1222-61	Electrolytic	22μF 16WV
C82	C24-1010-71	Electrolytic	100μF 10WV
	C24-1222-71	Electrolytic	-06,-07,-08,-09
C83	C24-1422-71	Electrolytic	220μF 16WV
	C24-1422-81	Electrolytic	-06,-07,-08,-09
C85	C24-1422-81	Electrolytic	220μF 25WV
C86	C45-1710-27	Mylar	1000pF ±20%
C87	C24-1710-51	Electrolytic	1μF 50WV
C88	C24-1247-61	Electrolytic	47μF 16WV
C89	C24-1210-61	Electrolytic	10μF 16WV
C90	C24-1233-61	Electrolytic	33μF 16WV
	C24-1210-81	Electrolytic	-06,-07,-08,-09
C92	C55-1710-26	Ceramic	1000pF ±20%
C93~95	C26-1710-57	Electrolytic	1μF 50WV

KX-550 KX-550**PARTS LIST/SEMICONDUCTOR SUBSTITUTIONS**

Ref. No.	Parts No.	Description	Remarks
	V30-0139-05	IC NE545B	-03,-07,-09
IC5	V30-0273-20	IC μPC4557C	
D3~6	V11-0051-05	Diode 1N60	
D7.8	V11-0271-05	Diode 1S2076	
D9	V11-0219-05	Diode V06B	
D10	V11-0219-05	Diode V06B	
		-06,-07,-08,-09	
D11	V11-0271-05	Diode 1S2076	-06,-07,-08,-09
D13	V11-1200-30	Zener diode RD15EC	
D14,15	V11-1300-20	Diode SIRBA10	
D16	V11-0271-05	Diode 1S2076	
D201,202	V11-0051-05	Diode 1N60	-03,-07,-09

Ref. No.	Parts No.	Description	Remarks
SWITCH			
S1	S31-0302-05	Slide	REC/PLAY
S2	S33-6303-05	Lever	Equalizer
S3	S33-2303-05	Lever	Tape bias
S4	S33-4304-05	Lever	Dolby
COIL			
L1.2	L79-0303-05	Dolby filter	85 kHz
L3.4	L79-0304-05	Dolby filter	19kHz
L5.6	L39-0305-05	Peaking coil	4.7mH
L7.8	L39-0304-05	Trap coil	10mH
L9	L32-0503-05	Bias OSC coil	
MISCELLANEOUS			
-	E11-0302-05	Mic jack × 2	
-	E11-0303-05	Headphone jack	
-	E13-0458-05	Input and output jack	
-	J13-0055-05	Fuse holder × 4	

SEMICONDUCTOR SUBSTITUTIONS

Ref. No.	Semiconductor	Substitutions
Q1.2	2SC945(P)	2SC1000(G,R),2SC1775(D),2SC1213A(D),2SC1327(R,S)
Q3.4	2SK105(F,H)	2SK68(L,M),2SK30A(Y,GR),2SK68A(L,M)
Q5~7,10,12	2SC828(R)	2SC828A(R),2SC733(Y,GR),2SC945(P,Q,R),2SC734(Y)
Q8	2SC2209 (Q) or 2SC1419(C)	2SC1061,2SC789,2SC1826,2SC1827,2SD234,2SD526
Q9	2SA684(Q,R)	2SB616,2SB617
Q11	2SC1384(Q,R)	2SD600K(E,F),2SD330(E,F)
Q13	2SD655(F)	2SC2298
Q14	2SA733(P,Q)	2SA561(GR,Y),2SA673A(C,D),2SA564(O,R)

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